## Sequence listing

<110> OncoMab GmbH <120> Human monoclonal antibody <150> EP - 03 026 161.4 <151> 2003-11-14 <160>4 <210>1 <211>96 <212> DNA <213> Homo sapiens <220> <223> Amino acid sequence of the variable region of the light chain (V<sub>L</sub>) of antibody SAM-6 <400> 1 Ser Tyr Val Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly Gln Thr Ala Ser Ile Thr Cys Ser Gly Asp Lys Leu Gly Asp Lys Tyr Ala Cys Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Val Leu Val Ile Tyr Gln Asp Ser Lys Arg Pro Ser Gly Ile Pro Glu Arg

Phe Ser Gly Ser Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser
65 70

Gly Thr Gln Ala Met Asp Glu Ala Asp Tyr Tyr Cys Gln Ala Trp 80 85 90

Asp Ser Ser Ile Val Val 95

<210> 2 <211> 288 <212> DNA

<213> Homo sapiens

<220>

<223> Nucleotide sequence of the variable region of the light chain (V<sub>L</sub>) of antibody SAM-6

## <400>2

tcc Ser 1	tat Tyr	gtg Val	ctg Leu	act Thr 5	cag Gln	cca Pro	ccc Pro	tca Ser	gtg Val 10	tcc Ser	gtg Val	tcc Ser	cca Pro	gga Gly 15	45	5
	CDR1															
cag Gln	aca Thr	gcc Ala	agc Ser	atc Ile 20	acc Thr	tgc Cys	tct Ser	gga Gly	gat Asp 25	aaa Lys	ttg Leu	Gly	gat Asp	aaa Lys 30	90	נ
tat Tyr	gct Ala	tgc Cys	tgg Trp	tat Tyr 35	Gln	cag Gln	aag Lys	cca Pro	ggc Gly 40	cag Gln	tcc Ser	cct Pro	gtg Val	ctg Leu 45	13	35
gtc atc tat caa gat agc aag cgg ccc tca ggg atc cct gag cga																
Val	Ile	Tyr	Gln	Asp 50	agc Ser	aag Lys	cgg Arg	Pro	tca Ser 55	GJÀ āāā	atc Ile	cct Pro	gag Glu	cga Arg 60	18	10
ttc	tet	aac	tcc	aac	+c+	aaa	220	202	~~-				_ •			_
Phe	Ser	Gly	Ser	Asn 65	Ser	GJÀ āāā	Asn	Thr	Ala 70	Thr	Leu	Thr	Ile	agc Ser 75	22	:5
GJÀ aàa	acc Thr	cag Gln	gct Ala	atg Met 80	gat Asp	gag Glu	gct Ala	gac Asp	tat Tyr 85	tac Tyr	tgt Cys	cag Gln	gcg Ala	tgg Trp 90	27	'О
		CDR	3													
gac Asp	agc Ser	agc Ser	att Ile,	gtg Val 95	gta Val										28	8

<210>3

<211>110

<212> DNA

<213> Homo sapiens

<220>

<223> Amino acid sequence of the variable region of the heavy chain (V<sub>H</sub>) of antibody SAM-6

<400>3

Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly
1 5 10 15

Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser 20 25 30

Ser Tyr Ala Met His Trp Val Arg Glu Ala Pro Gly Lys Gly Leu 35 40 45

Glu Trp Val Ala Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr 50 55 60

Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser 65 70 75

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp 80 85 90

Thr Ala Val Tyr Cys Ala Arg Asp Arg Leu Ala Val Ala Gly 95 100 100

Lys Thr Phe Asp Tyr 110

<210>4

<211>330

<212> DNA

<213> Homo sapiens

<220>

<223> Nucleotide sequence of the variable region of the heavy chain (V<sub>H</sub>) of antibody SAM-6

## <400>4

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agg Arg	tcc Ser CD	Leu	aga Arg	ctc Leu 20	tcc Ser	tgt Cys	gca Ala	gcc Ala	tct Ser 25	gga Gly	ttc Phe	acc Thr	ttc Phe	agt Ser 30	90
ago	tat Tyr	gct	atg Met	cac His 35	tgg Trp	gtc Val	cgc Arg	cag Glu	gct Ala 40	cca Pro	ggc Gly	aag Lys	G1Å âââ	ctg Leu 45	135
							_	CD	R2						
gag Glu	tgg Trp	gtg Val	gca Ala	gtt Val 50	ata Ile	tca Ser	tat Tyr	gat Asp	gga Gly 55	agc Ser	aat Asn	aaa Lys	tac Tyr	tac Tyr 60	180
gca Ala	gac Asp	tcc Ser	gtg Val	aag Lys 65	ggc Gly	cga Arg	ttc Phe	acc Thr	atc Ile 70	tcc Ser	aga Arg	gac Asp	aat Asn	tcc Ser 75	225
aag Lys	aac Asn	acg Thr	ctg Leu	tat Tyr 80	ctg Leu	caa Gln	atg Met	aac Asn	agc Ser 85	ctg Leu	aga Arg	gct Ala	gag Glu	gac Asp 90	270
	CDR3														
acg Thr	gct Ala	gtg Val	tat Tyr	tac Tyr 95	tgt Cys	gcg Ala	aga Arg	gat Asp	cgg Arg 100	tta Leu	gca Ala	gtg Val	Ala	ggt Gly .05	315

aaa act ttt gac tac Lys Thr Phe Asp Tyr 110